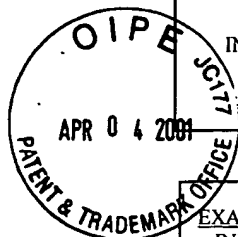


PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 05245.00001	SERIAL NUMBER 09/745,301
	APPLICANT Anand Kannan, et al.	
	FILING DATE December 22, 2000	GROUP ART UNIT unknown

RECEIVED

APR 06 2001

TECH CENTER 1600/2900



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EB	LAWREY: Thesis entitled "The suitability of OFDM as a modulation technique for wireless telecommunications, with a CDMA comparison", October 1997, printed from the internet at www.eng.jcu.edu.au/eric/thesis/Thesis , on August 4, 2000, 29 pages
LB	SCHMIDT: Article entitled "Reducing the Peak to Average Power Ratio of Multicarrier Signals by Adaptive Subcarrier Selection", 1998, 14 pages
11	"Radio Channel Impulse Response Measurement Systems, U.S. Department of Commerce, Information taken from http://flatop.its.bldrdoc.gov/rcirms/index.html on November 29, 2000, 6 pages
11	WELLING: Thesis entitled "Coded Orthogonal Frequency Division Multiplexing on the Narrowband Aeronautical Telemetry Channel", Brigham Young University, November 1999, 54 pages
7	EDFORS: "OFDM channel estimation by singular value decomposition", Lulea University of Technology, Sweden, presented at 1996 Vehicular Technology Conference in Atlanta Georgia, Apr 28-May 1996, 32 pages
4	RICE: "ARTM Channel Sounding Results - An Investigation of Frequency Selective Fading on Aeronautical Telemetry Channels", Brigham Young University, 21 pages

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	7/6/04
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

Ids w/1449 form filed: 4/4/01



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/745,301
Filing Date	December 22, 2000
First Named Inventor	Anand Kannan, et al.
Group Art Unit	2631
Examiner Name	Unknown
Attorney Docket Number	5245.00001

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

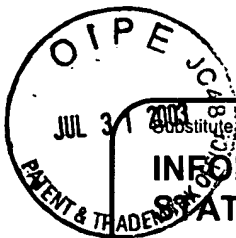
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ds/f	1	MAEDA N. ET AL., "A Delay Profile Information Based Subcarrier Power Control Combined with a Partial Non-Power Allocation Technique for OFDM/FDD Systems" Vol. 2, 9-18-2000, pp: 1380-1384	
li	2	CACOPARDI S. ET AL., "Combined OFDM-CDMA Configuration for Multimedia Wireless Applications" Vol. 42, No. 4, 11-1996, pp. 865-873	

Examiner
SignatureDate
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/745,301
		Filing Date	December 22, 2000
		First Named Inventor	Anand Kannan, et al.
		Group Art Unit	2631
		Examiner Name	Unknown
Sheet 1	of 1	Attorney Docket Number	5245.00001

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
aeb		US- 5,867,478	2/1999	Baum et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

RECEIVED

AUG 01 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	7/6/04
--------------------	--	-----------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.